**PATENT** 

GK-US015131

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Boeun KIM et al.

Serial No.: New

Filed: Herewith

For: TRANSCONDUCTANCE VARYING

CIRCUIT OF TRANSCONDUCTOR CIRCUIT, VARYING BANDWIDTH FILTER CIRCUIT USING THE SAME AND DIGITAL TUNING CIRCUIT OF TRANSCONDUCTOR-CAPACITOR

FILTER

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants bring the attached references to the Examiner's attention and request that they be considered and made of record in this application. Also attached is a completed PTO-1449 form. This Information Disclosure Statement is being filed within three (3) months of the filing date of this application. Thus, *no fee is believed to be due for this Information Disclosure*Statement. However, the Commissioner is authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 50-1836. A duplicate copy of this Statement is enclosed for that purpose.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

Todd M. Guise Reg. No. 46,748

SHINJYU GLOBAL IP COUNSELORS, LLP 1233 Twentieth Street, NW, Suite 700 Washington, DC 20036

(202)-293-0444 Dated:

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Substitute for form 1449A/PTO				Complete if Known			
				Application Number	(New)		
INFORMATION DISCLOSURE				Filing Date	(Herewith)	<u> </u>	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Boeun KIM		
				Group Art Unit			
(use as many sheets as necessary)				Examiner Name			
Sheet	1	of	1	Attorney Docket Number	GK-US035131		

			U.S. F	ATENT DOCUMENTS		
Examiner Initials *	Cite No.	U.S. Patent D		Name of Patentee or Applicant	Date of Publication of Cited Document MM-YYYY	
		Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document		
	1.	US 5,245,646	Α	Jackson et al.	09-1993	
	2.	US 5,914,633	Α	Comino et al.	06-1999	
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of	Date of Publication	Translation	
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Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.